

Datasheet for ABIN116047 **anti-CCL1 antibody**



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Overview

Quantity:	50 µg
Target:	CCL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant hI-309.
Specificity:	This antibody reacts with human I-309.
Purification:	Affinity chromatography.

Target Details

Target:	CCL1
Alternative Name:	CCL1 / I-309 (CCL1 Products)
Background:	I-309 is a member of the C-C, or beta chemokine class. Other chemokines in this group include MIP1 alpha, MIP1 beta, RANTES, MCP1/2/3/4, mouse JE, 1 - 2 µg/mL antibody detects 20 and mouse MARC, eotaxin, HCC1 and C10. These chemokines act primarily as chemoattractants and activate monocytes, dendritic cells, T lymphocytes, natural killer cells, B lymphocytes, basophils and eosinophils. I-309 was originally identified by subtractive hybridization as a

Target Details

transcript that was present in a gamma/delta T cell line but not in EBVtransformed B cells. I-309 is a chemoattractant for monocytes, but not for neutrophils. IP-10 is an approximately 8.5 kD polypeptide of 73 amino acids. The precursor form of human I-309 consists of 96 amino acids. To generate the mature I-309, the precursor cleaves its hydrophobic signal peptide. Human I-309 is thought to be a homologue of the mouse TCA3, and shows 42 % amino acid homology to mouse TCA3.Synonyms: C-C motif chemokine 1, CCL-1, SCYA1, Small-inducible cytokine A1, T lymphocyte-secreted protein I-309

Gene ID:	6346
NCBI Accession:	NP_002972
UniProt:	P22362

Application Details

Application Notes:	Neutralization. ELISA: To detect hI-309 by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinitypurified antibody, in conjunction with compatible secondary reagents, allows the detectionof 0.2-0.4 ng/well of recombinant hI-309. Western Blot: To detect hI-309 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagentsthe detection limit for recombinant hI-309 is 1.5-3.0 ng/lane, under either reducing ornon-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.